

Intracellular cytokine staining

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Immune correlates of protection by mRNA-1273 vaccine against SARS-CoV-2 in nonhuman primates

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Related files

 NIC-1009 Intracellular Cytokine Staining Assay (ICS) for 19-color Panel v6.docx



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1. Corbett, K. , Graham, B. and Seder, R. (2023). Intracellular cytokine staining. Bio-protocol Preprint. bio-protocol.org/prep2299.
2. Corbett, K. S., Nason, M. C., Flach, B., Gagne, M., O'Connell, S., Johnston, T. S., Shah, S. N., Edara, V. V., Floyd, K., Lai, L., McDanal, C., Francica, J. R., Flynn, B., Wu, K., Choi, A., Koch, M., Abiona, O. M., Werner, A. P., Moliva, J. I., Andrew, S. F., Donaldson, M. M., Fintzi, J., Flebbe, D. R., Lamb, E., Noe, A. T., Nurmukhambetova, S. T., Provost, S. J., Cook, A., Dodson, A., Faudree, A., Greenhouse, J., Kar, S., Pessaint, L., Porto, M., Steingrebe, K., Valentin, D., Zouantcha, S., Bock, K. W., Minai, M., Nagata, B. M., Wetering, R. V. D., Boyoglu-Barnum, S., Leung, K., Shi, W., Yang, E. S., Zhang, Y., Todd, J. M., Wang, L., Alvarado, G. S., Andersen, H., Foulds, K. E., Edwards, D. K., Mascola, J. R., Moore, I. N., Lewis, M. G., Carfi, A., Montefiori, D., Suthar, M. S., McDermott, A., Roederer, M., Sullivan, N. J., Douek, D. C., Graham, B. S. and Seder, R. A.(2021). Immune correlates of protection by mRNA-1273 vaccine against SARS-CoV-2 in nonhuman primates. Science (BridgeIssueMetaBean{}). DOI: [10.1126/science.abj0299](https://doi.org/10.1126/science.abj0299)

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